



THE CITY OF NASHUA

Administrative Services
Purchasing Department

"The Gate City"

Appendix A

IFB1043-111620 Parking/Transit Vehicles

Scope of Work

Vehicle # 1 for Nashua Department of Transit

Vehicle #2 for Nashua Parking Department

Vehicle #1 for Nashua Department of Transit

General Specs

- I. One (1) Ton Heavy Duty, regular cab
- I. Installed service/utility body
- II. V-8 turbo diesel w/auto 5 speed trans
- III. Four wheel drive with dual rear axle
- IV. 11 foot. Stainless steel retractable plow
- V. 1.8 (min) Cu. Yd. Stainless steel spreader
- VI. Low profile light bar/strobe set up

Dimensions

- I. Cab and body Color White (preferred)
- II. Max GVWR 13,000 pounds
- III. Wheelbase 137 inches
- IV. Base payload of 5,000 pounds
- V. Cab to axle 60 inches
- VI. 9 foot bed on utility body
- VII. Max towing 12,000 pounds
- VIII. Seating capacity of 3 adults
- IX. Front axle 4,000 pounds / rear axle 6,000 pounds

Drive Train

- I. Diesel, 6.0 liter, turbocharged engine
- II. B-5 Diesel compatible - meeting all current required air standards
- III. At minimum, 5 Speed Automatic transmission with overdrive and tow mode
- IV. Dual fuel tank, minimum 40 gallons total
- V. Auto locking rear axle geared for towing

Suspension

- I. Heavy duty front coil springs
- II. Heavy duty rear leaf springs
- III. Heavy duty shock absorbers
- IV. Heavy duty handling package
- V. Front and rear stabilizers

Tires

- I. Two (2) front 18 inch load range E mud/snow
- II. Four (4) front 18 inch load range E mud/snow
- III. One (1) complete spare tire and rim load range E mud/snow

Electrical System

- I. Dual batteries/maintenance free
- II. Dual alternators 125 amps each
- III. Pre-wired for cab marker lighting
- IV. Pre-wired for cab rooftop light bar w/dash switch
- V. Wiring for spreader controls
- VI. Pre-wired for back up camera (camera not installed)

- VII. Integrated trailer brake controller wiring
- VIII. Trailer tow package wiring
- IX. Plow prep wiring
- X. All wiring must be color coded and protected

Mfg. Options

- I. Air conditioning
- I. Power windows/power door locks
- II. Camper style mirrors, power adjustable & heated
- III. Skid plate package
- IV. AM/FM/CD player/Bluetooth/ Navigation display screen
- V. Plow prep package
- VI. Intermittent wipers
- VII. Front frame mounted recovery hooks
- VIII. Vinyl seats
- IX. Tow package class V hitch w/2 inch receiver
- X. Electric trailer brake controller installed

Instrumentation

- I. Engine oil pressure (gauge or digital read out)
- II. Coolant temperature (gauge or digital read out)
- III. Battery charge (gauge or digital read out)
- IV. 4WD selection light
- V. Fuel level gauge

Utility Body

- I. Nine (9) foot galvanized steel body w/folding tailgate (sprayed inside and outside with liner)
- II. Thirty Six (36) inch height w/ locking doors
- III. Paint: same color as cab
- IV. Diamond plate floor
- V. Heavy duty bumper (with same liner sprayed on)
- VI. Recessed rear lights (in body) and side markers
- VII. Standard door configuration
- VIII. Entire bed & top of compartments to be covered with heavy duty commercial grade spray-on protective coating (comparable to RHINO LINER or LINE-X brand)
- IX. Every seam where bed meets sides of body are to be sealed before applying bed liner to prevent sand and salt penetration.
- X. Interior of compartments shelf & wall, sprayed completely with same material as bed
- XI. Wheel wells also sprayed with same material
- XII. Four (4) heavy duty 'D-rings' mounted to bed in corners for sander tie down straps to hook onto underside sprayed with undercoating **before** mounting to chassis
- XIII. Heavy duty mud flaps attached with stiffer
- XIV. Two (2) sliding drawers in driver's side front vertical cabinet
- XV. Mechanics tool drawers installed in passenger front vertical cabinet
- XVI. One (1) sliding drawer in both side horizontal cabinets
- XVII. Two (2) adjustable stationary shelf in both rear cabinets

Spreader

- I. Twelve (12) gauge stainless steel construction
- II. Eight (8) foot to match utility body
- III. Two (2.0) cu yd. capacity
- IV. Eleven (11) horsepower engine
- V. Inverted 'V' in hopper to protect conveyor
- VI. Pintle chain conveyor
- VII. In cab control with electric variable spinner, throttle function and electric start/stop
- VIII. Thick gauge removable top screen for hopper
- IX. Dedicated twelve (12)V battery w/tray
- X. Ratchet hold down kit with two (2) inch straps
- XI. Front and rear top spill guards installed (SS)
- XII. Chain shields inside hopper

Snow Plow

- I. Eleven (11) foot stainless steel power angle blade
- II. Extendable wings with scoop capability
- III. Frame mounted quick attach with jack stand
- IV. Halogen lights
- V. Six (6) inch by One Half (1/2) inch thick steel cutting edge
- VI. Attached rubber snow deflector (plow bran)
- VII. Cab mounted controls
- VIII. Spring loaded trip edge
- IX. Back drag blade

Optional Equipment

- I. Twenty-nine to thirty- six (29-36) inch low profile Class 1 light bar mounted on headache rack. Amber, LED, strobe with multi patterns, cab controller
- II. Headache rack mounted on utility body. Half louvered style with open center. Ears on side
- III. Black powder coating. Top horizontal rail height needs to exceed truck cab enough for light bar mount to fit over cab roof
- IV. Pintle & ball combo hitch, Ball size TBD on award
- V. Adjustable plate, shank pintle mount for two (2) inch receiver
- VI. TIMBREN brand (or approved equal) helper spring kit for springs installed
- VII. Rear spring helper air bag w/fill line
- VIII. Five thousand (5,000) pounds capacity installed
- IX. Twelve (12) V Air compressor for rear bags, with cab mounted control
- X. Weathertech (or approved equal) floor liners (not mats)
- XI. Back-up camera & monitor
- XII. Remote controlled, magnetic mount, twelve (12) V, LED pod light with rotate/tilt function including a cigarette lighter adapter (not installed, delivered loose)
- XIII. OEM radio must include Bluetooth for hands free driving
- XIV. All controls for aftermarket installations must be mounted within easy reach of driver

Literature

- I. One (1) parts manual per unit
- II. One (1) service manual per unit
- III. One (1) operator's manual per unit

- IV. Any aftermarket component manuals

Vehicle Warranty

- I. Basic three (3) year/36,000 miles
- II. Drive train five (5) year/100,000 miles
- III. Corrosion Six (6) year/100,000 miles
- IV. Dealer must be certified for all warranty repairs

Added component warranties

- I. To be offered at bid award

Vehicle #2 for Nashua Parking Department

General Specs

- II. One (1) Ton Heavy Duty, regular cab
- VII. Installed service/utility body
- VIII. V-8 turbo diesel w/auto 5 speed trans
- IX. Four wheel drive with dual rear axle
- X. 11 foot. Stainless steel retractable plow
- XI. 1.8 (min) Cu. Yd. Stainless steel spreader
- XII. Low profile light bar/strobe set up

Dimensions

- X. Cab and body Color White (preferred)
- XI. Max GVWR 13,000 pounds
- XII. Wheelbase 137 inches
- XIII. Base payload of 5,000 pounds
- XIV. Cab to axle 60 inches
- XV. 9 foot bed on utility body
- XVI. Max towing 12,000 pounds
- XVII. Seating capacity of 3 adults
- XVIII. Front axle 4,000 pounds / rear axle 6,000 pounds
- XIX. Maximum height requirement of six (6) foot three (3) inches or seventy-five (75) inches

Drive Train

- VI. Diesel, 6.0 liter, turbocharged engine
- VII. B-5 Diesel compatible - meeting all current required air standards
- VIII. At minimum, 5 Speed Automatic transmission with overdrive and tow mode
- IX. Dual fuel tank, minimum 40 gallons total
- X. Auto locking rear axle geared for towing

Suspension

- VI. Heavy duty front coil springs
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Tires

- IV. Two (2) front 18 inch load range E mud/snow
- V. Four (4) front 18 inch load range E mud/snow
- VI. One (1) complete spare tire and rim load range E mud/snow

Electrical System

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- XVII. Integrated trailer brake controller wiring
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- XVII. Front frame mounted recovery hooks
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- XIX. Tow package class V hitch w/2 inch receiver
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Utility Body

- XVIII. Nine (9) foot galvanized steel body w/folding tailgate (sprayed inside and outside with liner)
- XIX. Thirty Six (36) inch height w/ locking doors
- XX. Paint: same color as cab
- XXI. Diamond plate floor
- XXII. Heavy duty bumper (with same liner sprayed on)
- XXIII. Recessed rear lights (in body) and side markers
- XXIV. Standard door configuration
- XXV. Entire bed & top of compartments to be covered with heavy duty commercial grade spray-on protective coating (comparable to RHINO LINER or LINE-X brand)

- XXVI. Every seam where bed meets sides of body are to be sealed before applying bed liner to prevent sand and salt penetration.
- XXVII. Interior of compartments shelf & wall, sprayed completely with same material as bed
- XXVIII. Wheel wells also sprayed with same material
- XXIX. Four (4) heavy duty 'D-rings' mounted to bed in corners for sander tie down straps to hook onto underside sprayed with undercoating before mounting to chassis
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